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a touch panel having an optical guide plate of a transparent material;

an optical sensor array whose light receiving surface is opposite to a first side of said optical guide plate;

a lens sheet whose light emitting surface is opposite to a second side of said optical guide plate which is opposite to said first side;

an illuminating means to illuminate a plane of said lens sheet; and

an input pen to touch a surface of said optical guide plate, a tip of said input pen comprising a material which absorbs an illuminating light from said illuminating means.

29. An information-processing device according to claim 28 wherein said transparent material has a refractive index of 1.4–1.7.

30. An information-processing device according to claim 28 wherein said illuminating means comprises an LED.

31. An information-processing device according to claim 28 wherein said lens sheet has a plurality of prismatic or semicylindrical projections.

32. An information-processing device according to claim 28 wherein said EL display panel comprises an organic EL display panel.

33. An information-processing device according to claim 28 wherein said information-processing device is an electronic note.

34. An information-processing device comprising:

a field sequential display unit having a back light to supply three-color light and an image display part which forms an image for one frame by a sequential

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time-sharing display of three subframes corresponding to said three-color light;

a touch panel having an optical guide plate of a transparent material, an optical sensor array whose light receiving surface is opposite to a first side of said optical guide plate, a lens sheet whose light emitting surface is opposite to a second side of said optical guide plate which is opposite to said first side, and an illuminating means to illuminate a plane of said lens sheet; and

an input pen to touch a surface of said optical guide plate, a tip of said input pen comprises a material which absorbs an illuminating light from said illuminating means.

35. An information-processing device according to claim 34 wherein said three-color light is supplied from a red LED, a green LED, and a blue LED.

36. An information-processing device according to claim 34 wherein said transparent material has a refractive index of 1.4–1.7.

37. An information-processing device according to claim 34 wherein said lens sheet has a plurality of prismatic or semicylindrical projections.

38. An information-processing device according to claim 34 wherein said illuminating means is an LED.

39. An information-processing device according to claim 34 wherein said display unit is a liquid crystal display unit.

40. An information-processing device according to claim 34 wherein said information-processing device is an electronic note.

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